

Rec'd F.P.T.C.

20 JAN 2005

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN02/00673

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷ H04N7/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷ H04N7/26

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI,EPODOC,PAJ,CNPAT:RATE,DISTORTION,QUANTIZATION,ALLOCATION

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO0049570A1(UNISEARCH LTD) 24.Aug.2000 (24.08.00) , the whole document	1-29
A	US5778192A(MOTOROLA INC;UNIV NORTHWESTERN) 07.Jul.1998 (07.07.98) , the whole document	1-29

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>		<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>
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Date of the actual completion of the international search
10.Dec.2002 (10.12.02)

Date of mailing of the international search report

30 JAN 2003 (30.01.03)

Name and mailing address of the ISA/CN
6 Xitucheng Rd., Jimen Bridge, Haidian District,
100088 Beijing, China
Facsimile No. 86-10-62019451

Authorized officer

Wei,Wei

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN02/00673

Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
WO0049570A1	24.08.00	AU2784200A	04.09.00
US5778192A	07.07.98	None	None

国际检索报告

国际申请号

PCT/CN02/00673

A. 主题的分类

IPC⁷ H04N7/26

按照国际专利分类表(IPC)或者同时按照国家分类和 IPC 两种分类

B. 检索领域

检索的最低限度文献(标明分类体系和分类号)

IPC⁷ H04N7/26

包含在检索领域中的除最低限度文献以外的检索文献

在国际检索时查阅的电子数据库(数据库的名称和, 如果实际可行的, 使用的检索词)

WPI,EPODOC,PAJ,CNPAT:RATE,DISTORTION,QUANTIZATION,ALLOCATION

C. 相关文件

类 型*	引用文件, 必要时, 指明相关段落	相关的权利要求编号
A	WO0049570A1(UNISEARCH LTD) 24.08 月 2000 (24.08.00), 全文	1-29
A	US5778192A(MOTOROLA INC;UNIV NORTHWESTERN) 07.07 月 1998 (07.07.98), 全文	1-29

☐ 其余文件在 C 栏的续页中列出。☒ 见同族专利附件。

* 引用文件的专用类型:

“A” 明确叙述了被认为不是特别相关的一般现有技术的文件

“E” 在国际申请日的当天或之后公布的在先的申请或专利

“L” 可能引起对优先权要求的怀疑的文件, 为确定另一篇引用文件的公布日而引用的或者因其他特殊理由而引用的文件

“O” 涉及口头公开、使用、展览或其他方式公开的文件

“P” 公布日先于国际申请日但迟于所要求的优先权日的文件

“T” 在申请日或优先权日之后公布的在后文件, 它与申请不相抵触, 但是引用它是为了理解构成发明基础的理论或原理

“X” 特别相关的文件, 仅仅考虑该文件, 权利要求所记载的发明就不能认为是新颖的或不能认为是有创造性

“Y” 特别相关的文件, 当该文件与另一篇或者多篇该类文件结合并且这种结合对于本领域技术人员为显而易见时, 权利要求记载的发明不具有创造性

“&” 同族专利成员的文件

国际检索实际完成的日期

10.12 月 2002 (10.12.02)

国际检索报告邮寄日期

30. 1月 2003 (30. 01. 03)

国际检索单位名称和邮寄地址

ISA/CN

中国北京市海淀区西土城路 6 号(100088)

传真号: 86-10-62019451

授权官员

魏玮

电话号码: 86-10-62093804



国际检索报告
关于同族专利成员的情报

国际申请号
PCT/CN02/00673

检索报告中引用的 专利文件	公布日期	同族专利成员	公布日期
WO0049570A1	24.08.00	AU2784200A	04.09.00
US5778192A	07.07.98	无	无

INTERNATIONAL COOPERATION TREATY

From the INTERNATIONAL BUREAU

PCT

NOTICE INFORMING THE APPLICANT OF THE
COMMUNICATION OF THE INTERNATIONAL
APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

To:

BEIJING BEIXIN-ZHICHENG INTELLECTUAL
PROPERTY AGENT CO., LTD
No.16, Xizhimen Nandajie
Xicheng District
Beijing 100035
CHINE

Date of mailing (day/month/year) 29 January 2004 (29.01.2004)		IMPORTANT NOTICE	
Applicant's or agent's file reference DP02017			
International application No. PCT/CN2002/000673	International filing date (day/month/year) 23 September 2002 (23.09.2002)	Priority date (day/month/year) 22 July 2002 (22.07.2002)	
Applicant INSTITUTE OF COMPUTING TECHNOLOGY CHINESE ACADEMY OF SCIENCES et al			

1. Notice is hereby given that the International Bureau has communicated, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this notice:

AU, AZ, BY, CH, CO, DE, DZ, EP, HU, JP, KG, KP, KR, MD, MK, MZ, RU, TM, US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:

AE, AG, AL, AM, AP, AT, BA, BB, BG, BR, BZ, CA, CR, CU, CZ, DK, DM, EA, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, ID, IL, IN, IS, KE, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MG, MN, MW, MX, NO, NZ, OA, OM, PH, PL, PT, RO, SD, SE, SG, SI, SK, SL, TJ, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this notice is a copy of the international application as published by the International Bureau on 29 January 2004 (29.01.2004) under No. WO 2004/010702

4. **TIME LIMITS for filing a demand for international preliminary examination and for entry into the national phase**

The applicable time limit for entering the national phase will, **subject to what is said in the following paragraph**, be **30 MONTHS** from the priority date, not only in respect of any elected Office if a demand for international preliminary examination is filed before the expiration of **19 months** from the priority date, but also in respect of any designated Office, in the absence of filing of such demand, where Article 22(1) as modified with effect from 1 April 2002 applies in respect of that designated Office. For further details, see *PCT Gazette* No. 44/2001 of 1 November 2001, pages 19926, 19932 and 19934, as well as the *PCT Newsletter*, October and November 2001 and February 2002 issues.

In practice, **time limits other than the 30-month time limit** will continue to apply, for various periods of time, in respect of certain designated or elected Offices. For **regular updates on the applicable time limits** (20, 21, 30 or 31 months, or other time limit), Office by Office, refer to the *PCT Gazette*, the *PCT Newsletter* and the *PCT Applicant's Guide*, Volume II, National Chapters, all available from WIPO's Internet site, at <http://www.wipo.int/pct/en/index.html>.

For filing a demand for international preliminary examination, see the *PCT Applicant's Guide*, Volume I/A, Chapter IX. Only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination (at present, all PCT Contracting States are bound by Chapter II).

It is the applicant's **sole responsibility** to monitor all these time limits.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Gijsbertus Beijer - Carlos Roy
Facsimile No.(41-22) 740.14.35	Telephone No.(41-22) 338.91.11

PCT请求书

DP02017

原件(提交) - 打印于 2002年09月19日 (19. 09. 2002) 星期四 13时09分04秒

0 0-1	由受理局填写 国际申请号.	
0-2	国际申请日	
0-3	受理局名称及“PCT国际申请”	
0-4 0-4-1	PCT/RO/101表格 PCT请求书 软件版本	PCT-EASY Version 2.92 (更新日期 01.06.2002)
0-5	请求 签字人请求按照专利合作条约的 规定处理本国际申请	
0-6	申请人指定的受理局	中国国家知识产权局 (RO/CN)
0-7	申请人或代理人的档案号	DP02017
I	发明名称	结合率失真优化的码率控制的方法及其装置
II II-1 II-2 II-4zh II-4en II-5zh II-5en II-6 II-7 II-8 II-9	申请人 该人是: 是对下列国家的申请人: 名称 Name 地址: Address: 国籍: 居所: 电话号码: 传真号码:	申请人 (applicant only) 除美国以外的所有指定国 (all designated States except US) 中国科学院计算技术研究所 INSTITUTE OF COMPUTING TECHNOLOGY CHINESE ACADEMY OF SCIENCES 中国北京市 海淀区中关村科学院南路6号, 中科院计算所数字化室(物理所) 100080 Digital Technology Lab, Institute of Computing Technology,CAS(Institute of Physics Chinese Academy of Sciences) No.6 Kexueyuan South Road Zhongguancun, Haidian District Beijing 100080 China 中国 CN 中国 CN 82649012 82649012

III-1	申请人和/或发明人	
III-1-1	该人是:	申请人和发明人 (applicant and inventor)
III-1-2	是对下列国家的申请人:	美国 (US only)
III-1-4zh	姓名:	高 文
III-1-4en	Name (LAST, First)	GAO, Wen
III-1-5zh	地址:	中国北京市 海淀区中关村科学院南路6号, 中科院计算所数字化室(物理所) 100080
III-1-5en	Address:	Digital Technology Lab, Institute of Computing Technology,CAS(Institute of Physics Chinese Academy of Sciences) No.6 Kexueyuan South Road Zhongguancun, Haidian District Beijing 100080 China
III-1-6	国籍:	中国 CN
III-1-7	居所:	中国 CN
III-2	申请人和/或发明人	
III-2-1	该人是:	申请人和发明人 (applicant and inventor)
III-2-2	是对下列国家的申请人:	美国 (US only)
III-2-4zh	姓名:	马 思伟
III-2-4en	Name (LAST, First)	MA, Siwei
III-2-5zh	地址:	中国北京市 海淀区中关村科学院南路6号, 中科院计算所数字化室(物理所) 100080
III-2-5en	Address:	Digital Technology Lab, Institute of Computing Technology,CAS(Institute of Physics Chinese Academy of Sciences) No.6 Kexueyuan South Road Zhongguancun, Haidian District Beijing 100080 China
III-2-6	国籍:	中国 CN
III-2-7	居所:	中国 CN

原件(提交) - 打印于 2002年09月19日 (19.09.2002) 星期四 13时09分04秒

III-3	申请人和/或发明人	
III-3-1	该人是:	申请人和发明人 (applicant and inventor)
III-3-2	是对下列国家的申请人:	美国 (US only)
III-3-4zh	姓名:	吕 岩
III-3-4en	Name (LAST, First)	LU, Yan
III-3-5zh	地址:	中国北京市 海淀区中关村科学院南路6号, 中科院计算所数字化室(物理所) 100080
III-3-5en	Address:	Digital Technology Lab, Institute of Computing Technology,CAS(Institute of Physics Chinese Academy of Sciences) No.6 Kexueyuan South Road Zhongguancun, Haidian District Beijing 100080 China
III-3-6	国籍:	中国 CN
III-3-7	居所:	中国 CN
IV-1	代理人, 共同代表或通信地址	
	下列人员被委托为代表申请人对 主管国际单位办理事务的:	代理人 (agent)
IV-1-1zh	名称	北京北新智诚专利代理有限公司
IV-1-1en	Name	BEIJING BEIXIN-ZHICHENG PATENT AGENT CO., LTD
IV-1-2zh	地址:	中国北京市 西城区西直门南大街16号 100035
IV-1-2en	Address:	No.16,Xizhimen Nandajie, Xicheng District Beijing 100035 China
IV-1-3	电话号码:	66160610
IV-1-4	传真号码:	66171933
V	国家的指定	
V-1	地区专利 (其他保护类型(如有的话)注明 在所涉及指定国后的括号内)	AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW 及其 他同时是哈拉雷协定缔约国和PCT缔约国的国家 EA: AM AZ BY KG KZ MD RU TJ TM 及其他同时是欧亚专 利公约缔约国和PCT缔约国的国家 EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR 及其他同时是欧洲专利公约缔 约国和PCT缔约国的国家 OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG 及其他同时是非洲知识产权组织成员国和PCT缔约国 的国家

原件(提交) - 打印于 2002年09月19日 (19. 09. 2002) 星期四 13时09分04秒

V-2	国家专利 (其他保护类型(如有的话)注明 在所涉及指定国后的括号内)	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&LI CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW	
V-5	预防性指定声明 除在V-1, V-2和V-3项中所作的指定 外, 申请人还按照细则4. 9(b) 指定除 下面V-6项所列出的国家外PCT所允 许指定的所有国家, 申请人声明这些 补充指定是以确认为条件, 并且自优 先权日起15个月期限届满前尚未被 确认的任何指定应认为被申请人在 该期限届满时撤回。		
V-6	预防性指定的例外	无 (NONE)	
VI-1	要求在先国家申请的优先权		
VI-1-1	申请日	2002年07月22日 (22.07.2002)	
VI-1-2	申请号	02125274.2	
VI-1-3	国家	中国 CN	
VI-2	优先权文件请求 请受理局准备并向国际局送交上 述在先申请中标号如下的在先申 请的证明副本:	VI-1	
VII-1	选定的国际检索单位	中国国家知识产权局 (ISA/CN)	
VIII	声明	声明数目	
VIII-1	关于发明人身份的声明	-	
VIII-2	关于申请人在国际申请日有权申 请和被授予专利的声明	-	
VIII-3	关于申请人于国际申请日有权要 求在先申请的优先权的声明	-	
VIII-4	发明人资格声明(仅为指定美国 目的)	-	
VIII-5	关于不损害新颖性的公开及丧失 新颖性的例外的声明	-	
IX	清单	页数	附以电子文档
IX-1	请求书(包括声明页)	5	-
IX-2	说明书	22	-
IX-3	权利要求	12	-
IX-4	摘要	1	EZABST00.TXT
IX-5	附图	1	-
IX-7	共计	41	
	附件	附以纸件	附以电子文档
IX-8	费用计算页	✓	-
IX-9	单独委托书原件	✓	-
IX-17	PCT-EASY磁盘	-	磁盘
IX-19	应与摘要一起公布的附图图号	1	
IX-20	国际申请所用语言	中文	

原件(提交) - 打印于 2002年09月19日 (19. 09. 2002) 星期四 13时09分04秒

X	申请人或代理人签字	
X-1	姓名:	
X-2	身份	

由受理局填写

10-1	据称的国际申请文件的实际收到日期	
10-2	附图:	
10-2-1	收到	
10-2-2	未收到	
10-3	由于随后在期限内收到补充国际申请的文件或附图, 更改的实际收到日期	
10-4	在期限内收到根据PCT第11(2)条所进行的改正的日期	
10-5	国际检索单位	ISA/CN
10-6	检索本的传送被推迟到收到检索费之后	

由国际局填写

11-1	国际局收到登记本的日期	
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